THE RUTTY METAL WALL PLUG

THE MODERN METHOD OF
SECURING INTERIOR WOOD WORK

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J. B. PRESCOTT & SON

The Rutty Metal Wall Plug

The Modern Nailing Base for Interior Finish

RELIABLE PERMANENT ECONOMICAL

J. B. PRESCOTT & SON, WEBSTER, MASS.

SOLE MANUFACTURERS Agencies at all principal points

ANCIENT METHODS

THE old methods of fastening wood-work to brick or stone walls, are as follows: nailing into the mortar joints; nailing into wooden plugs driven into holes drilled in mortar joints; nailing into laths set in the joints during construction, and nailing into wood brick built into the walls. Nailing in mortar joints is bad on the face of it, for the mortar possessing no elasticity, crumbles and gives no hold to the nails. Plugging with wood to afford a nailing base for furring, etc., was the best of the old methods, but was open to the following objections: cost, uncertainty and lack of durability.

¶ COST,— because of the time required to drill a hole in the mortar joint, shape the plug, drive it in as far as it will go, then saw it off.

¶ UNCERTAINTY,— because the plug might not be thoroughly dry when put in, so would shrink in drying, and become loose in the hole, also the nailing surface of the plug being but ¼ to ⅜ inches thick, the chances of splitting were very great.

¶ PERISHABILITY,— because presuming the plug to be tight and not split by the nail, the lack of air circulation or the dampness of the outer wall would dry or wet-rot it in a comparatively short time.

¶ LATHS set in the joints during construction is, at best, a slovenly way of attaining the end; they soon become loose through shrinkage, weakening the wall by reason of a space ¼ inch wide by 2 ½ to 3 inches deep, and the thickness of a lath affords a very meager nailing base. This method is condemned by the majority of Architects.

¶ WOOD BRICK built in the walls are wet by the mortar when set in and afterwards dry out, so are liable to shrink or rot, and weaken the wall, the only excuse for their use is the lack of a better method.

MODERN METHODS

IN CONSTRUCTING A BUILDING the intent is to provide against future weakness in any part and the failure of a minor detail counts, in the minds of a client and his friends, against the ability of the Architect.

¶ THE NAILING BASE FOR FURRING GROUNDS, etc., is, in one respect, an important detail, as its failure is immediately noticeable, and lays the one responsible for the whole open to criticism.

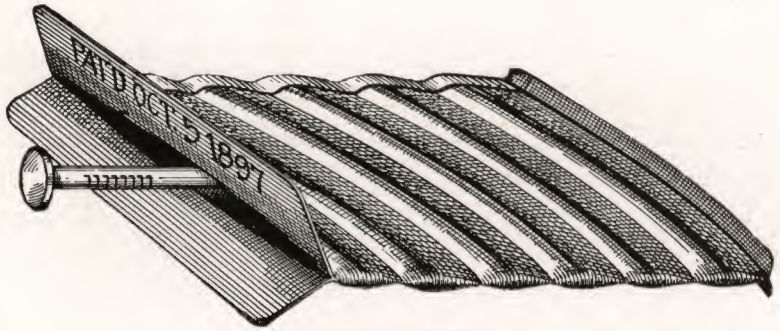
¶ WOODEN STRIPS, BLOCKS OR PLUGS, are unreliable, as subsequent shrinking soon loosens three out of five, rendering them practically useless, and it is then too late to replace them.

¶ A NAILING BASE is put in to stay and should be absolutely reliable, both in the present and the future.

¶ THE RUTTY METAL WALL PLUG IS RELIABLE, and no Architect can afford to overlook it in the preparation of his specifications, as by its use he is sure of the future stability of his nailing base; there is no other practical and economical method by which he can obtain the same results.

THE RUTTY METAL WALL PLUG

THE Rutty Metal Wall Plug is made in one size only—2 3/8 x 2 7/8 "—which is adapted to all situations. Manufactured of heavy sheet steel and corrugated as shown in cut. It will hold a nail with the greatest rigidity irrespective of any weight that may be placed upon it.

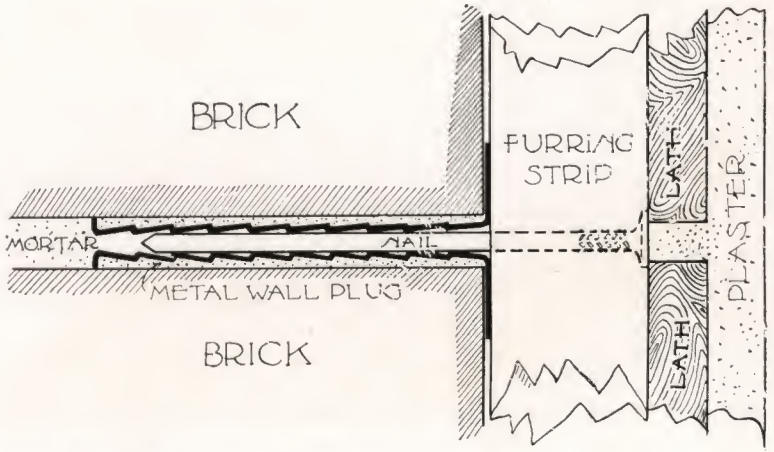


Patented October 5, 1897.

Thoroughly japanned, therefore cannot rust out. Is of equal value for solid or hollow Brick and Tile. Will not crack or break the Tiling. Also furnished in galvanized steel when required.

THE RUTTY METAL WALL PLUG

THE Rutty Metal Wall Plug is used in
Securing Furring to Brick Walls,
Fastening Grounds for Interior Finish,
Securing Door and Window Frames,



Supporting Insulating Strips in Breweries and Cold Storage,
Holding Brackets for Steam Coils,
Fastening Exterior Furring,
Attaching All Kinds of Wood Finish.

¶ A large use of the Rutty Wall Plug is in attaching wire lath directly to a nail driven into the plug without the use of furring.

THE RUTTY METAL WALL PLUG

HAS been used during the past five years in all parts of the United States and Canada in thousands of buildings of the better class.

¶ In not a single instance has it proved defective or deficient in those qualities that we claim for it.

¶ We have in our possession hundreds of letters testifying to its value from well satisfied Architects and Builders.

¶ It is the only method that represents economy and at the same time perfect construction.

¶ Its use is an absolute guarantee of the permanence and stability of the interior finish.

¶ Contractors like it because easily understood and cheaper than other methods.

¶ It is fireproof.

SPECIFICATIONS

¶ There has been such a general demand for a specification covering the use of our Wall Plugs that we append the following. These, however, are only suggestions to be modified as occasion requires.

Mason's Specifications.

WALL PLUGS.— The mason contractor shall furnish and set a sufficient number of Rutty Metal Wall Plugs (made by J. B. Prescott & Son, Webster, Mass.) for the furring, grounds, and window and door casings. The plugs for furring are to be placed at intervals of 16 inches center to center horizontally, and about 20 inches apart vertically in a plumb line ; in each case plugs must be set at the top and bottom, and at all openings in the vertical rows at either end, and at all openings in the horizontal rows, regardless of spacing. Should there be any doubt as to the exact position of the plugs, the carpenter contractor is to be consulted.

Carpenter's Specifications.

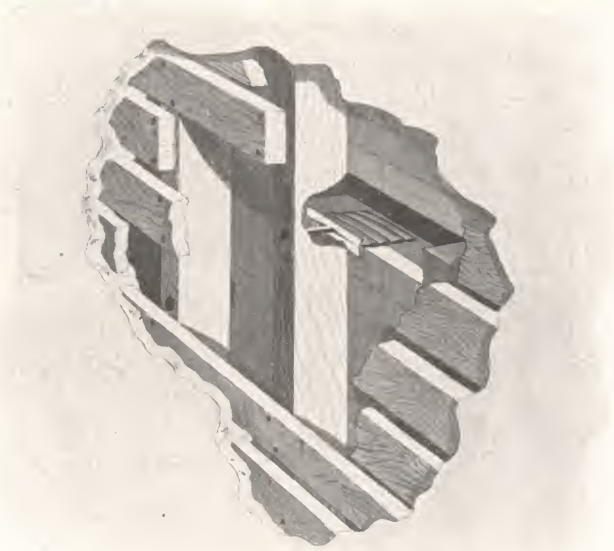
WALL PLUGS.— The mason contractor shall furnish and set a sufficient number of Rutty Metal Wall Plugs (made by J. B. Prescott & Son, Webster, Mass.) to which all furring, grounds, and window and door casings are to be nailed ; the carpenter contractor shall consult with him as to the proper position for the same.

Alternative Specifications.

(Used on New York State Work.)

WALL PLUGS.— Rutty Metal Wall Plugs, made by J. B. Prescott & Son, Webster, Mass., must be furnished for securing all grounds, furrings, frames, standing-finish, etc.; the correct positions of the same to be laid out by the carpenter, who shall also assist the mason in properly placing them in the wall. No wooden plugs, wooden strips or wood-brick will be permitted in the works.

THE RUTTY METAL WALL PLUG



Attaching Wooden Furring.

THE RUTTY METAL WALL PLUG

TO secure good work the furring must be solidly and permanently secured to the brick walls. The Rutty Plug can be relied upon. Insecure furring is chiefly responsible for cracked plaster. Equally good for attaching metallic furring or studding

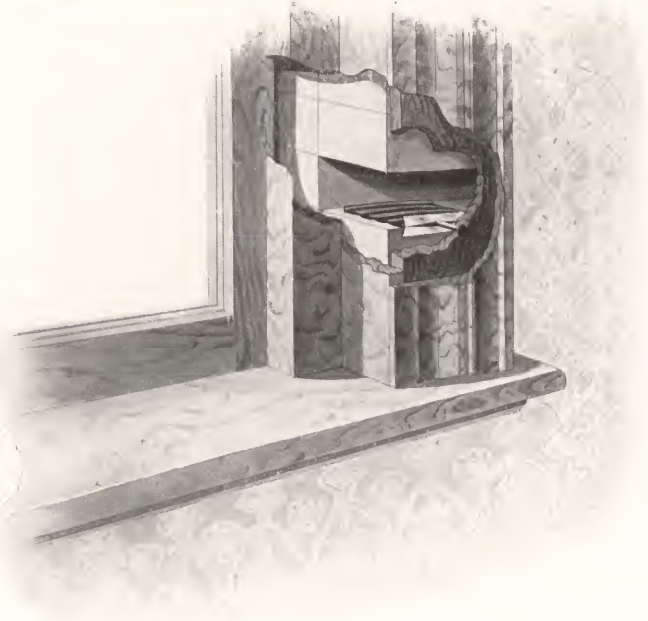


Securing Door Frames.

THE RUTTY METAL WALL PLUG

IF a door frame is not substantially fastened to the brickwork it will get out of plumb and cause trouble in the working of the door. Rutty Metal Wall Plugs guarantee solidity ✦ ✦ ✦ ✦

THE RUTTY METAL WALL PLUG



Fastening Window Frames.

THE RUTTY METAL WALL PLUG

DRAUGHTY window casings and jammed window frames can usually be traced to insecure nailing; this trouble is easily avoided by the use of the Rutty Metal Wall Plug

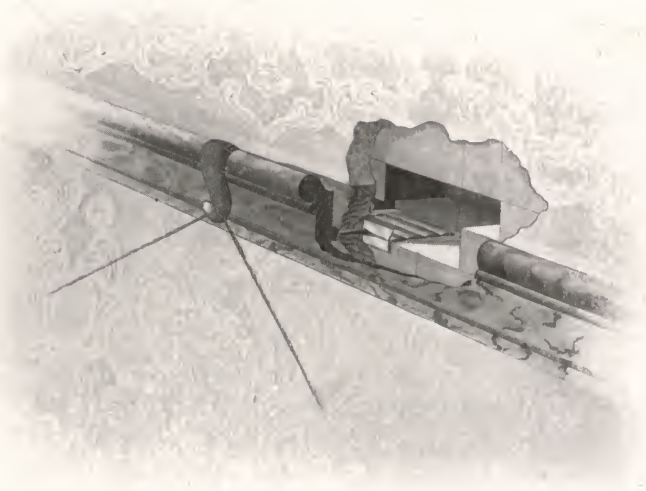


Attaching Base and similar Finish.

THE RUTTY METAL WALL PLUG

LOOSE plugging means loose grounds and loose grounds means sloppy looking trim, as a matter of pride and honesty use the best; that means Rutty Metal Wall Plugs

THE RUTTY METAL WALL PLUG

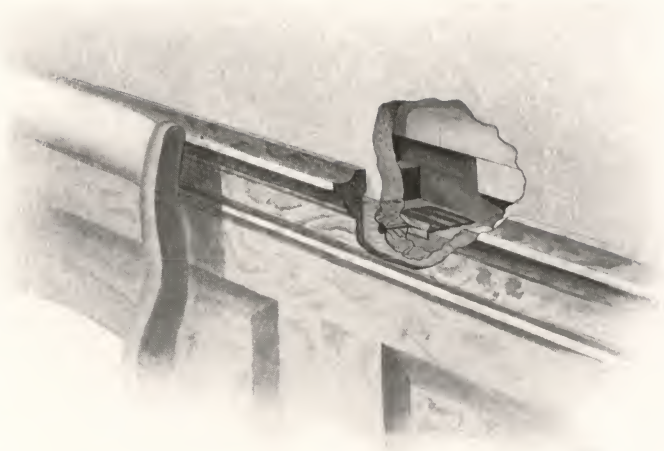


Fastening Picture Mouldings.

THE RUTTY METAL WALL PLUG

OWING to the weight which may have to be supported by a picture mould, every precaution should be taken to insure solidly fastened grounds. Nothing is as good as the Rutty Metal Wall Plug

THE RUTTY METAL WALL PLUG

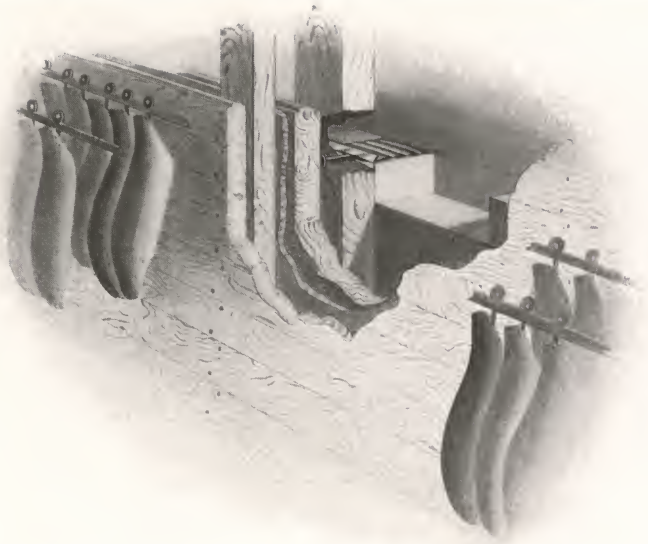


Attaching Chair Rail, Wainscotting, etc.

THE RUTTY METAL WALL PLUG

BY using the Rutty Metal Wall Plugs all interior can be brought up tight to the grounds and there need be no fear of subsequent loosening

THE RUTTY METAL WALL PLUG

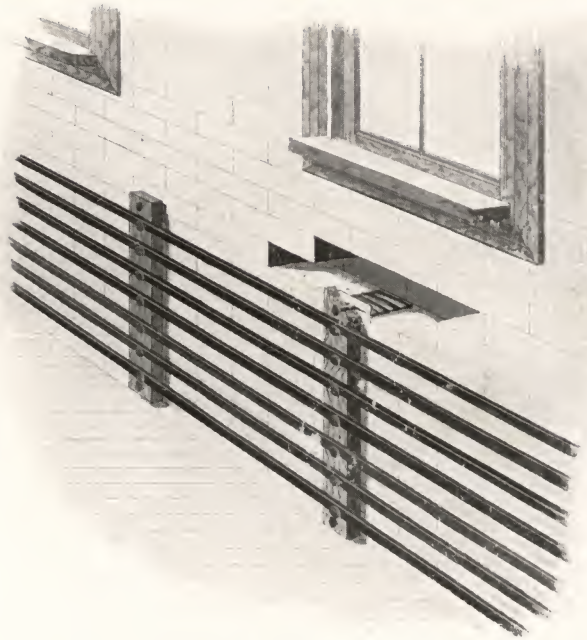


Supporting Insulating Strips.

THE RUTTY METAL WALL PLUG

HEAVY insulation means a heavy load for the wall plug, but the Rutty Metal Wall Plug carries heavy loads with ease and stays where it is placed

The RUTTY METAL WALL PLUG



Holding Steam-Pipe Brackets.

THE heat from a steam coil will soon shrink a wooden plug or block and the bracket will be practically without support. The Rutty Metal Wall Plug is not affected by heat

A FEW TESTIMONIALS

WE print below a few testimonials selected from hundreds in our possession. These letters testify not only to the value of the Plug to the Architect, but also as an economical detail for the Builder.

We have sample of Rutty Metal Wall Plugs and use them in our buildings extensively.
Cram, Goodhue, & Ferguson, Architects, Boston, Mass.

The Metal Wall Plugs are O.K. and I will use them again on good work. H. M. [illegible]on, Architect, Butte, Mont.

We think your Rutty Metal Wall Plug is very good. J. B. McElfa[illegible], Architect, New York, N.Y.

Am specifying Rutty Metal Wall Plugs in my work. Francis J. McDonnell, Architect, New Orleans, La.

Your Rutty Metal Wall Plug is first-class and we shall use and specify it. Brouse & Arend, Architects, Phila., Pa.

Your Rutty Metal Wall Plug will be used in all my good work as I think it a good thing.
W. Elbert Dickinson, Architect, Paterson, N. J.

I would say that the Rutty Metal Wall Plug was adopted by me for use in State work when it was first put upon the market. It is certainly an ingenious and practical device which does away with wood blocks. I have found it entirely satisfactory, and it is now specified as a standard material for State Buildings.
G. L. Heins, State Architect, Albany, N. Y.

We use the Rutty Metal Wall Plugs on all of our work where nailing is required in masonry. We find them to make the cheapest and most satisfactory nailing. Geo. L. Walker, Pres. Geo. L. Walker Co., N. Y. City.

We have been using Rutty Metal Wall Plugs in our work for several years. Eisenwein & Johnson, Archs., Buffalo.

Please send me one dozen samples of your Rutty Metal Wall Plugs as I am specifying the same in all work and there seems to be a great demand from owners and contractors to have a sample. Guy King, Architect, Phila., Pa.

I am in receipt of your sample of your Rutty Metal Wall Plug and am convinced of its merits. I shall take occasion to use it in considerable work this coming year. Clarence H. Johnston, Architect, St. Paul, Minn.

We have a sample of your goods in the office and have specified them on several jobs, and think well of them.
Kramer & Harpster, Architects, Findlay, Ohio.

MORE TESTIMONIALS

We have been specifying your Rutty Metal Wall Plug for some time. It is a good thing.
Link & Carter, Architects, Butte, Mont.

I have used your Rutty Metal Wall Plugs and found them to be entirely satisfactory and far superior to any method for securing plaster grounds, etc.
Olle J. Lorehn, Houston, Texas.

I have been using your Rutty Metal Wall Plugs for some time in all cases where I have brick work to be furred. I am much pleased with them.
Frank P. Gravely & Co., Architects, New Orleans, La.

I have used your Rutty M ll Plugs several times and have found them very satisfactory and shall continue to use them when in n such a device.
Harry Nelson Tyler, Architect, Atlanta, Ga

The Civil Engineer in charge of our department has approved the use of your Rutty Metal Wall Plugs and they will hereafter be incorporated in all our specifications for buildings requiring such an article.
League Island, Pa., Dept. Yards and Docks.

I consider your Rutty Metal Wall Plug a great improvement over the old-fashioned wooden plugs. I will specify your wall plugs in any work that I shall be able to control.
W. A. McMillan, Architect, Houston, Tex.

am very much pleased with the Rutty Metal Wall Plug that you have put on the market. It fills a long needed want in stone and brick masonry, in supplying a substantial device for fastening woodwork to stone and brick work, and does away with the unsubstantial wood timber, blocks and wedges.
Allen L. Melton, Asheville, N. C.

We have used your Rutty Metal Wall Plugs on residences, school houses and court houses, and found same to be the best device for furring of walls. We continue to specify same on our buildings.
Ausfield & Chapman, Architects, Montgomery, Ala.

Your Rutty Metal Wall Plugs used in the U. S. Public Building at Norfolk, Va., have proved very satisfactory, especially in terra cotta partitions.
George O. Von Nerta, Architect, Norfolk, Va.

In regard to the Rutty Metal Wall Plugs used in the Worcester, Mass., High School, I would say that the Architects, Messrs. Frost, Briggs & Chamberlain, had not specified them, but at my request permitted their use. I found them economical and effective, particularly in connection with door jambs, door and window casings and furring and consider them superior to any other form of plugging that I have used.
J. Edw. Fuller, Jr., General Contractor, Worcester, Mass.



RESIDENCE OF MR. A. R. PEACOCK, PITTSBURGH

Alden & Harlow, Architects
A. & S. Wilson Co., Builders

Pittsburgh, Pa.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen:—We have used a great many Rutty Wall Plugs in our work and have no hesitation in recommending them as being the very best method of fastening furring or trim to brick walls. We have never known them to fail.

Yours very truly,

Alden & Harlow, Architects.

Pittsburgh, Pa.

Messrs. J. B. Prescott & Son
Webster, Mass.

Gentlemen:—Regarding the Rutty Wall Plugs we beg to advise that we used same in the residence and stable of A. R. Peacock, also in the residence and stable of W. L. Mellon, where they gave entire satisfaction.

Yours respectfully,

A. & S. Wilson Co., Contractors.



CENTRAL HIGH SCHOOL, GRAND HAVEN, MICHIGAN

Williamson & Crow, Architects
James Curtis & Co., Builders

Grand Rapids, Mich.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen:—We have used a great many of the Rutty Metal Wall Plugs and are entirely satisfied with them. There is no question but that it is the best Wall Plug made.

Yours truly,
Williamson & Crow, Architects.

Grand Rapids, Mich.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen:—We have used the Rutty Metal Wall Plugs on several large buildings and in every case they have given entire satisfaction.

Yours respectfully,
James Curtis & Co., Contractors and Bldrs.



STORE BUILDING OF
AMES, BROWNLEY & HORNTHAL, NORFOLK, VA.
F. F. Ferguson & C. J. Calrow, Architects



NATIONAL BANK OF COMMERCE, BALTIMORE
Baldwin & Pennington, Architects

Norfolk, Va.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen: —We specified your Rutty Metal Wall Plugs in the Ames, Brownley & Hornthal store and a great many were used therein. In this building, as in many others from our plans where they were used, they have proved entirely satisfactory.

In our climate furring is absolutely necessary on all outside brick walls, owing to the penetrating dampness and we find that the Rutty Metal Wall Plug furnishes a means of fastening this furring, which is secure, lasting and in every way satisfactory.

We shall continue to specify them in our future work.

Yours truly,
F. F. Ferguson & Chas. J. Calrow.



Pratt & Koeppe. Architects
A. W. Mohnke. Builder

Bay City, Mich.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen:—We have used the Rutty Metal Wall Plugs in the construction of the Woman's Building, Agricultural College, Lansing, Mich., and they have proved very satisfactory. They are all right, just what you claim for them.

Yours truly,
Pratt & Koeppe, Architects.

Grand Rapids, Mich.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen:— I have used the Rutty Metal Wall Plugs on the Woman's Building, Agricultural College, Lansing, Mich., and many other large buildings and have always found them perfectly satisfactory.

Very truly yours,
A. W. Mohnke, Contractor.



ARMSTRONG MANUAL TRAINING SCHOOL, WASHINGTON, D. C.

Waddy B. Wood, Architect
Arthur Cowsill, Builder

Washington, D. C.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen:—Your Rutty Metal Wall Plug is O. K.

Waddy B. Wood, Architect.

Cumberland, Md.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen:—Your Rutty Wall Plugs fill a much needed want. I have used them with satisfaction on the Manual Training School at Washington, D. C., and your delivery of the plugs was very prompt on above building.

Yours truly,

Arthur Cowsill, Contractor.



ELGIN WATCH COMPANY'S BUILDING, ELGIN, ILLINOIS

Patton & Miller, Architects
George Hinchliff Co., Builders

Chicago, Ill.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen: —With reference to your Rutty Metal Wall Plugs we beg to say that we used a great many of these in the new building of the Elgin Watch Co. and found them very satisfactory in every way. Yours truly,

Patton & Miller, Architects.

Chicago, Ill.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen: — Replying to your question as to my opinion of the Rutty Metal Wall Plug, will say that I used several thousand of them in building for the Elgin National Watch Co. The plugs are very easily placed in the walls, are durable and certainly do hold nails firmly when driven into them. They impress me as being very suitable for their intended use. Yours truly,

George Hinchliff, Contractor.



ST. MARK'S PARISH HOUSE, GRAND RAPIDS, MICHIGAN
Williamson & Crow, Architects
Curtis & Van Devier, Builders

STATE BANK, CADILLAC, MICHIGAN
Williamson & Crow, Architects
C. W. Dutton, Builder

Grand Rapids, Mich.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen: — Your Rutty Metal Wall Plugs have proven very satisfactory in our work.

Yours truly,

Williamson & Crow, Architects.

Grand Rapids, Mich.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen: — We have used the Rutty Metal Wall Plug on several large buildings and in every case they have given entire satisfaction.

Yours respectfully,

James Curtis & Co., Contractors.



STEEL OFFICE BUILDING of Mr. S. N. WRIGHT, KANSAS CITY, MO.

Charles A. Smith, Architect
Hucke & Sexton Con. & Bldg. Co.

Kansas City, Mo.

J. B. Prescott & Son,
Webster, Mass.

Gentlemen:—We used several thousand of your Rutty Metal Wall Plugs in the steel office building recently completed for Mr. S. N. Dwight and can say that they were very satisfactory.

Very truly yours,

Hucke & Sexton C. & B. Co.
By S. E. Sexton.



CITY HALL, CADILLAC, MICHIGAN

Williamson & Crow, Architects
A. W. Mohnke, Builder

Grand Rapids, Mich.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen: —We have used a great many of the Rutty Metal Wall Plugs and are entirely satisfied with them. There is no question but that they are the best wall plugs made.

Yours truly,
Williamson & Crow, Architects.

Grand Rapids, Mich.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen: — I have used the Rutty Metal Wall Plug on the Woman's Building, Agricultural College, Lansing, Mich., and many other large buildings and have always found them perfectly satisfactory.

Yours truly,
A. W. Mohnke, Contractor.



CHARTIERS VALLEY BREWING CO., CARNEGIE, PA.

Oscar Beyer, Architect
Dushane & Lewis, Builders

Carnegie, Pa.

Messrs. J. B. Prescott & Son,
Webster, Mass.

Gentlemen:—We used your Rutty Metal Wall Plug on the Chartiers Valley Brewing Co.'s Building and they proved entirely satisfactory and we can safely recommend them to the trade.

Yours very truly,

Dushane & Lewis,
Contractors and Builders.

THIS entire catalogue together with the Rutty Metal Wall Plugs shown herein is fully protected by U. S. Copyright and Patent laws, and we shall vigorously prosecute any infringement of our rights, whether by manufacturer, dealer or user.

J. B. PRESCOTT & SON,
Sole Owners and Manufacturers

